BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name of Work :-Modified Estimate for Improvements & Asphalting to Coconut Garden layout roads of Manjunatha Nagara in Bagalagunte in Ward No 14

Estimate Cost :- 50.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Modified Estimate for Improvements & Asphalting to Coconut Garden Layout roads of Mnajunatha Nagara in Bagalagunte in Ward No.14,

							Est. Cost Rs	50.00	Lakhs
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.152/I.19.1 PWD -SR 2013-14)								
		Cum	1	1180.00	5.50	0.35	2271.50		
			1	150.00	5.00	0.30	225.00		
							2496.50	65.88	164469.00
	Basic Rate	61.00							
	Add Area Weightage 8%	4.88							
	Total	65.88							
2	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix M15 with OPC cement @240 kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, (P.12/I.4.1 PWD -SR 2013-14)								
		Cum	1	150.00	5.00	0.15	112.50		
	Basic Rate	4329.00					112.50	4675.32	525974.00
	Add Area Weightage 8%	346.32							
	Total	4675.32							
3	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M20 with OPC cement @300 kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregates @0.43cum with superplastisiser @3Its Confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification (P.12/I.45 PWD -SR 2013-14)								
		Cum	1.00	150.00	5.00	0.10	75.00		
	Basic Rate	4929.00					75.00	5323.32	399249.00
	Add Area Weightage 8%	394.32							
	Total	5323.32							

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRRB 300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications. (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification **Page No.159/ Item No. 19.6/ PWD SR 2013-14**								
		Cum	1	1180.00	5.50	0.35	2271.50		
	Basic Rate	154.00					2271.50	166.32	377796.00
	Add Area Weightage 8%	12.32							
	Total	166.32							
5	KSRRB M400-1 For Grading I material construction of granular sub-base by providing close graded material, mixing in mechaical mix plant at OMC carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density complete as per specification. Page No 167/ Item No. 20.4.1 PWD SR 2013-14								
		Cum	1	1180.00	5.50	0.15	973.50		
	Basic Rate	982.00					973.50	1060.56	1032455.00
	Add Area Weightage 8%	78.56							
	TOTAL	1060.56							
6	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWD SR 2013-14, P.No.170 & 171, I No.20.18)								
		Cum.	1	1180.00	5.50	0.25	1622.50	1121.04	1818887.00
	Basic Rate	1038.00							
	Add Area Weightage 8%	83.04							
	Total	1121.04							

8	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basi(.te for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.150 I.18.57/1 PWD SR 2013-14)								
	Qty vide Iteam No 01						1905.75	72.71	138559.00
	basic rate (Rs.2.0x1.28x2kms)	5.12					1819.13		132268=00
	Loading and Unloading chages	62.20							4498999-00
		67.32							
	Area Weightage @ 8%	5.39							4948887-00
	Total	**72.71**							
9	KRIDL Charges 10+1=11%								560000
									6113.00 893=00
10	Miscellaneous and UnforessenCharges and QC-testing charges								395
								Total	5000000.00
(Rupees Fifty Lakhs Only)									

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2013-14
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward No.14

Asst.Executive Engineer
T.Dasarahalli Sub-Division
B.B.M.P. Bangalore.

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

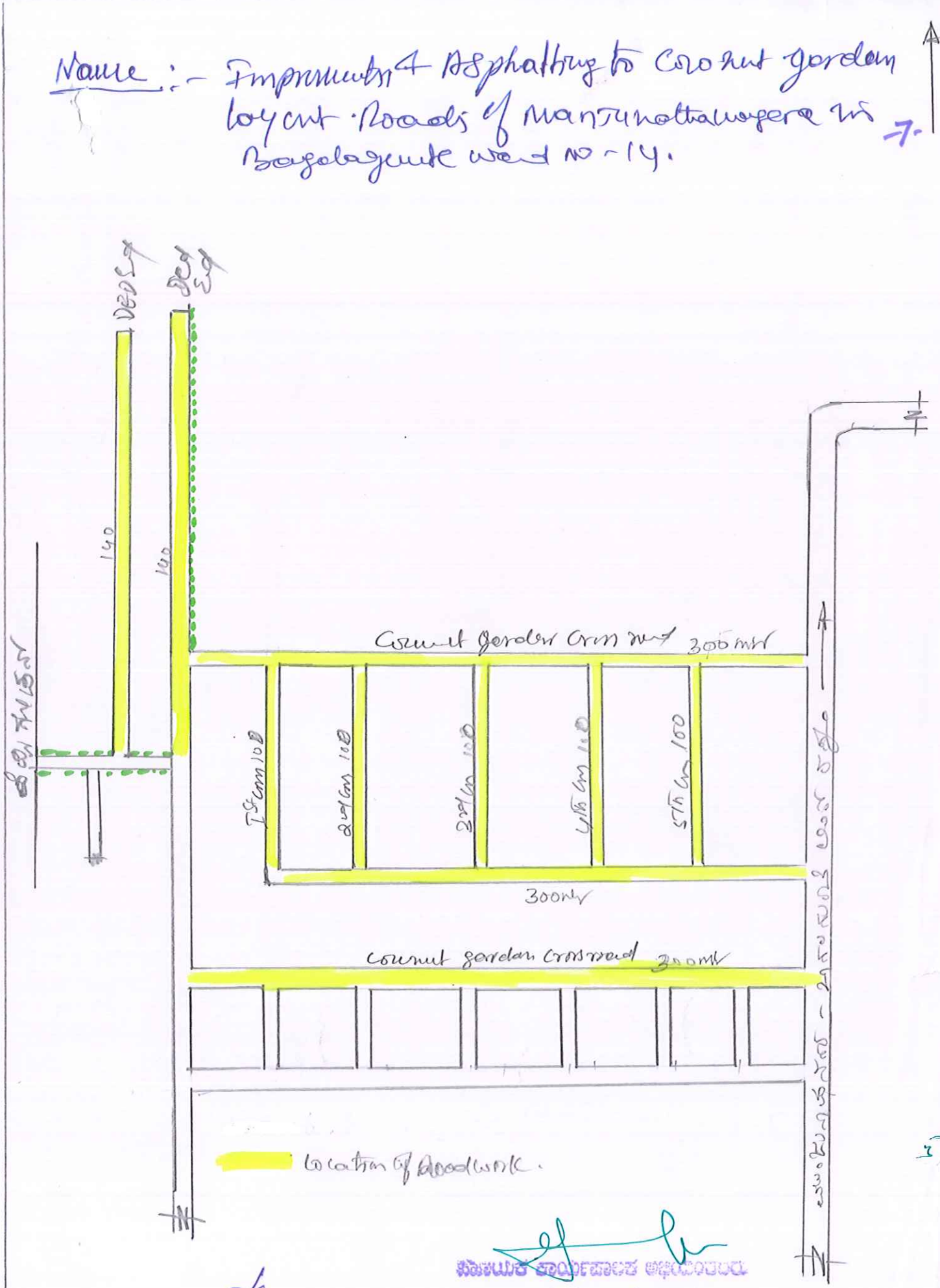
Job code : 014-13-000018 . P. code - 2201 .

CE/DZ/TS/01/2014-15

ನಂ. Pg 62 ದಿನಾಂಕ : 19/5/14
ರೂ. 50 ಲಕ್ಷಗಳಿಗೆ (ರೂ. ಮಿತಿಗೆ)
ಲಕ್ಷಗಳಿಗೆ
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Name :- Improvements & Asphalting to Coconut garden layout Roads of Manjunathanagara in Bagalagunte ward no - 14.



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ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073